

IFW
PATENT

Case Docket No. BROADRE.23CP1C1
Date: October 12, 2004

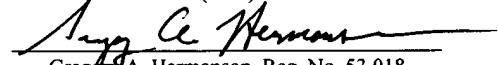
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Broadley, et al.
Appl. No. : 10/621,010
Filed : July 15, 2003
For : REFERENCE ELECTRODE
HAVING A MICROFLUIDIC
FLOWING LIQUID JUNCTION
Examiner : Unassigned
Group Art Unit : 1753

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 12, 2004

(Date)


Gregory A. Hermanson, Reg. No. 53,018

TRANSMITTAL LETTER

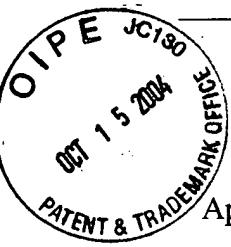
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with thirty-five (35) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


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INFORMATION DISCLOSURE STATEMENT

Applicant(s) :	Broadley, et al.	Examiner: Unassigned
Appl. No. :	10/621,010	Group Art Unit: 1753
Filed :	July 15, 2003	
For :	REFERENCE ELECTRODE HAVING A MICROFLUIDIC FLOWING LIQUID JUNCTION	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing thirty-five (35) references that are of record in U.S. patent application no. 09/590,781, filed June 8, 2000, now U.S. Patent No. 6,599,409 and U.S. patent application no. 09/738,881, filed December 14, 2000, now U.S. Patent No. 6,616,821, which are the parents of this continuation application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

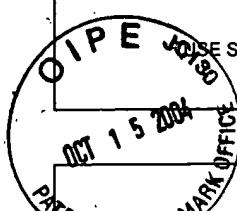
This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 17, 2004

By: Gregory A. Hermanson
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. BROADRE.23CP1C1	APPLICATION NO. 10/621,010
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Broadley et al.	
USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 15, 2003	GROUP 1753



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1	2,595,042	04/29/52	Wyllie			
2	3,445,368	05/20/69	M. Detemple			
3	3,528,904	09/15/70	Cliffgard			
4	3,607,702	09/21/71	Haller			
5	3,756,936	09/04/73	Neuwelt			
6	3,915,829	10/28/75	Krebs			
7	3,917,523	11/04/75	Stein et al.			
8	3,926,765	12/16/75	Haddad			
9	4,002,547	01/11/77	Neti et al.			
10	4,012,308	03/15/77	Jerrold-Jones et al.			
11	4,177,126	12/04/79	Imaki et al.			
12	4,366,040	12/28/82	Marsoner et al.			
13	4,495,052	01/22/85	Brezinski			
14	4,592,823	06/03/86	Gregory			
15	4,592,824	06/03/86	Smith et al.			
16	4,818,366	04/04/89	Yonco et al.			
17	5,360,529	11/01/94	Edwards et al.			
18	5,397,452	03/14/95	Buck et al.			
19	5,632,876	05/23/97	Zanzucchih et al.			
20	6,165,336	12/26/00	Maki et al.			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. BROADRE.23CP1C1	APPLICATION NO. 10/621,010
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Broadley et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 15, 2003	GROUP 1753

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
21	WO 99/56954	11/11/99	PCT				
22	WO 99/63334 A1	12/09/99	PCT				
23	WO 01/75430 A2	10/11/01	PCT				
24	GB 2 093 193 A	08/25/82	UK				
25	JP 10104193-A2	04/24/98	JAPAN			X	
26	JP 11258197-A2	09/24/99	JAPAN			X	
27	2 541 4624	02/17/83	FRANCE			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
28	Brezinski, Donald, <i>Kinetic, static and stirring errors of liquid junction reference electrodes</i> , Corning Glass Works, April 1983: Vol 108, No. 1285, pp 425-442	
29	Illingworth, John, <i>A common source of error in pH measurements</i> Biochem. J. (1981) 195,259-262	
30	Covington et al., <i>Improvements in the precision of Ph measurements a laboratory reference electrode with renewable free-diffusion liquid junction</i> , Analytica Chemical Acta, 169(1985) 221-229	
31	Dohner et al., <i>Reference electrode with free-flowing free-diffusion liquid junction</i> , Analytical Chemistry, Vol 68, No. 12 (1986) pp 2585-2589	
32	Nishizawa, M. et al.: Metal nanotubule membranes with electrochemically switchable ion-transport selectivity; Science, American Assoc for the advancement of science: 268, 700-702 (1995)	
33	Peters, G.: A reference electrode with free-diffusion liquid junction for electrochemical measurements under changing pressure conditions; Analytical Chemistry, US American Chemical Society: 69:13 2362-2366 (1997)	
34	Suzuki et al., "Microfabricated Liquid Junction Ag/AgCl Reference Electrode and its Application to a One-Chip Potentiometric Sensor, Anal. Chem. Vol. 71, No. 22, pp. 5069-5075, November 15, 1999	
35	Hulteen, J.C. et al. (1997) A general template-based method for the preparation of nanomaterials. J. Matr. Chem. 7(7):1075-1087.	

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